Said problem is solved by the invention according to the characterizing part of claim 13 in that the control of the displacement is prompted to start the displacement movement via a software instruction; trigger pulses transmitting the position are tapped at discrete and constant local intervals from the displaced element for the location-related readout of the sensor; that signals which, in turn, are location-related, are derived from the basic signals so obtained by means of electronic data processing, such location-related signals serving for triggering the recording of measured values of the sensor; and that the measured values so obtained are stored and then asynchronously transmitted to the controller.

A2

Page 5, first complete paragraph, please amend as follows:

In terms of the device, the problem is solved according to the characterizing part of claim 14 in that provision is made on the displaceable element for a position transmitter whose signals are converted into position-related, derived trigger signals by means of an interface connected upstream of the sensor and downstream of the displacement control, for triggering the recording of values measured by the sensor; and that the direction-dependent local increments are added up in a memory, whereby the detection of the direction is carried out by means of a program logic.

A3